



Application Serial No.: 10/687,104

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Title: System And Method For Recording the Order of A Change Caused By
Restoring A Primary Volume During Ongoing Replication of the Primary
Volume

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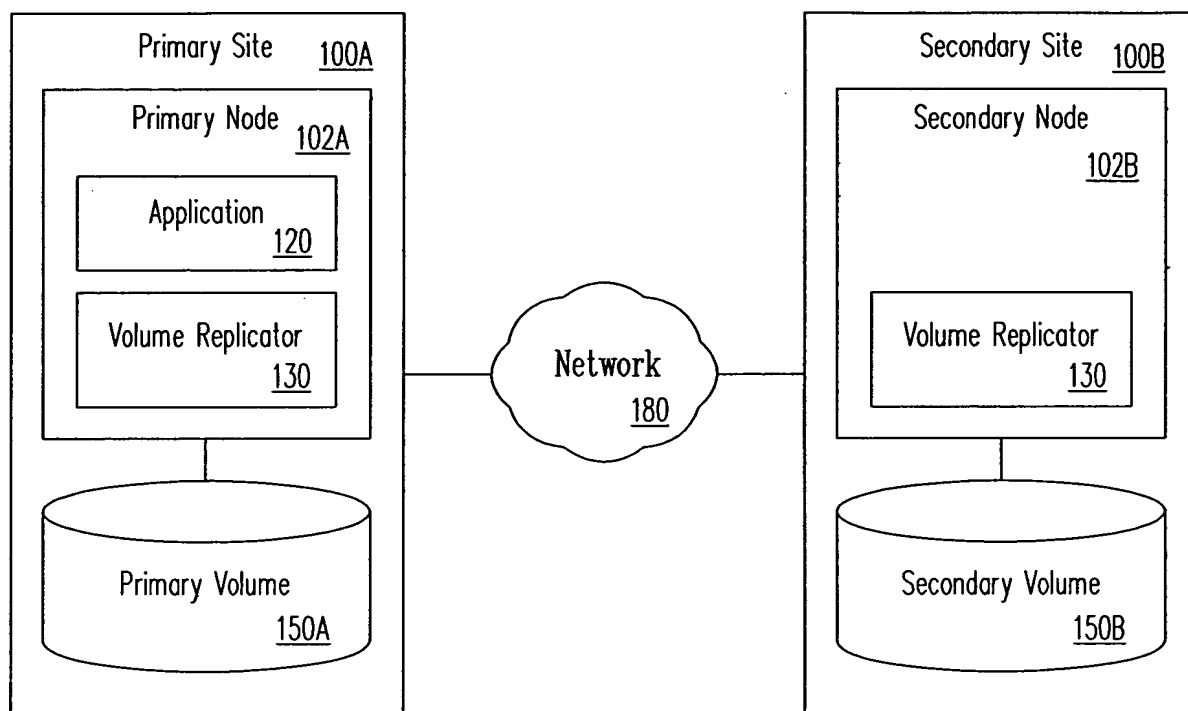


FIG. 1

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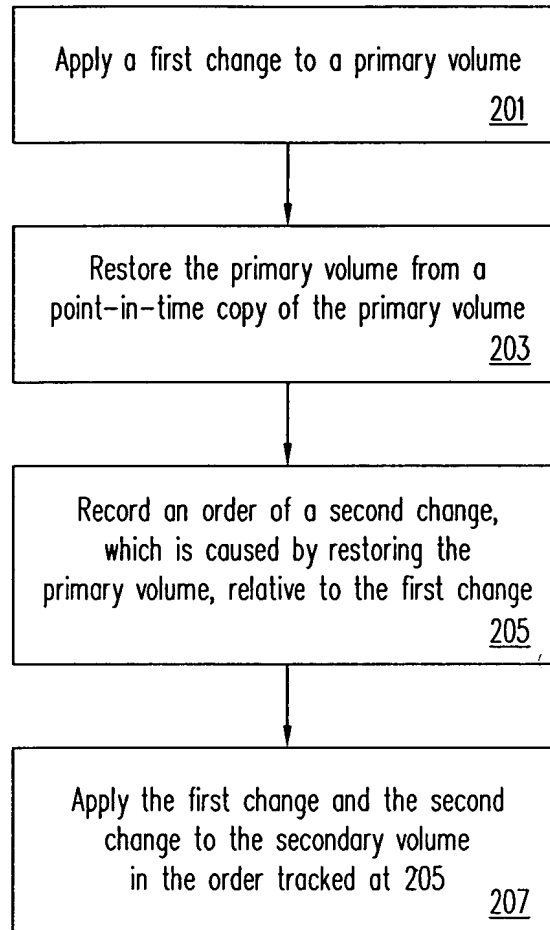


FIG. 2

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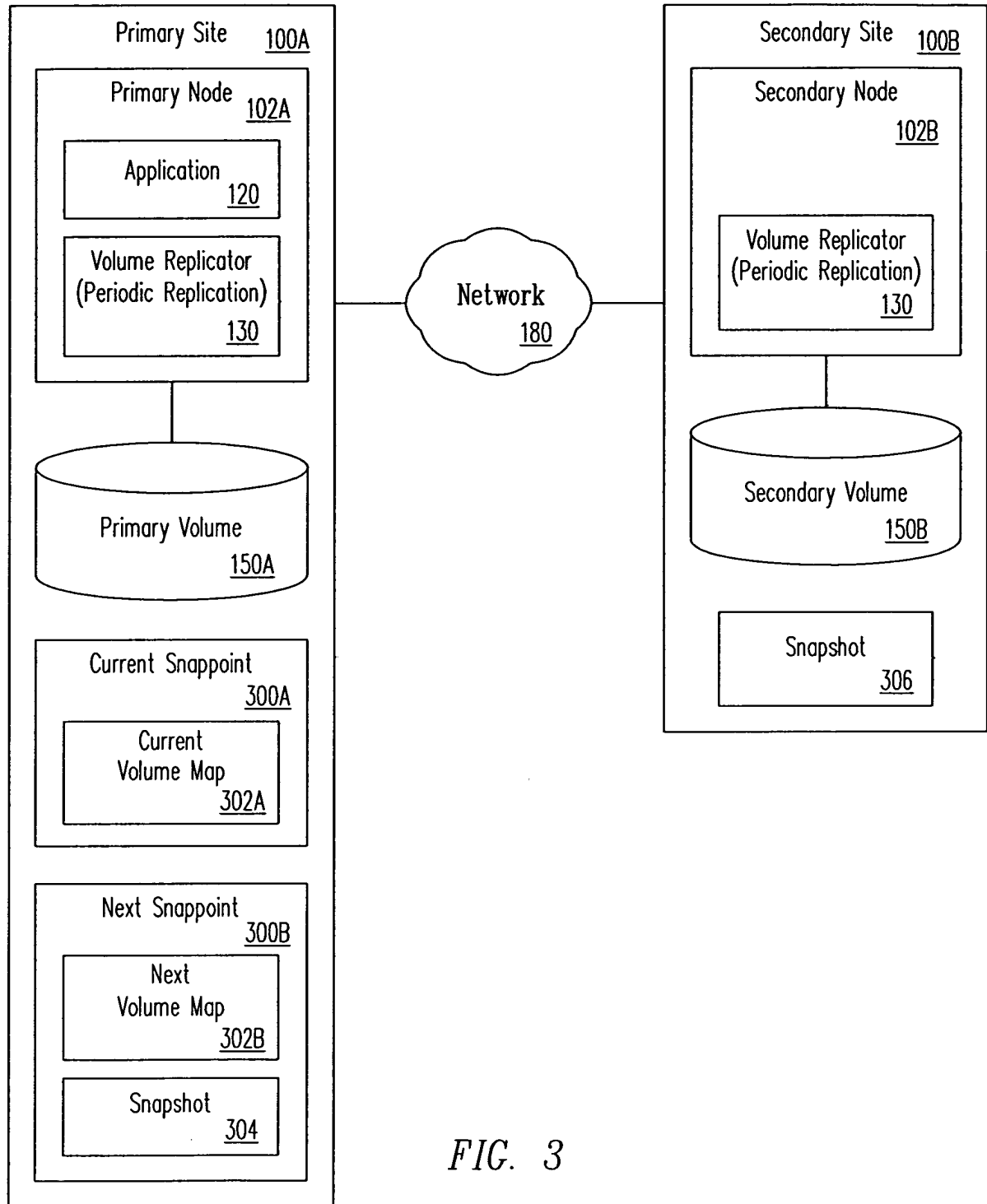


FIG. 3

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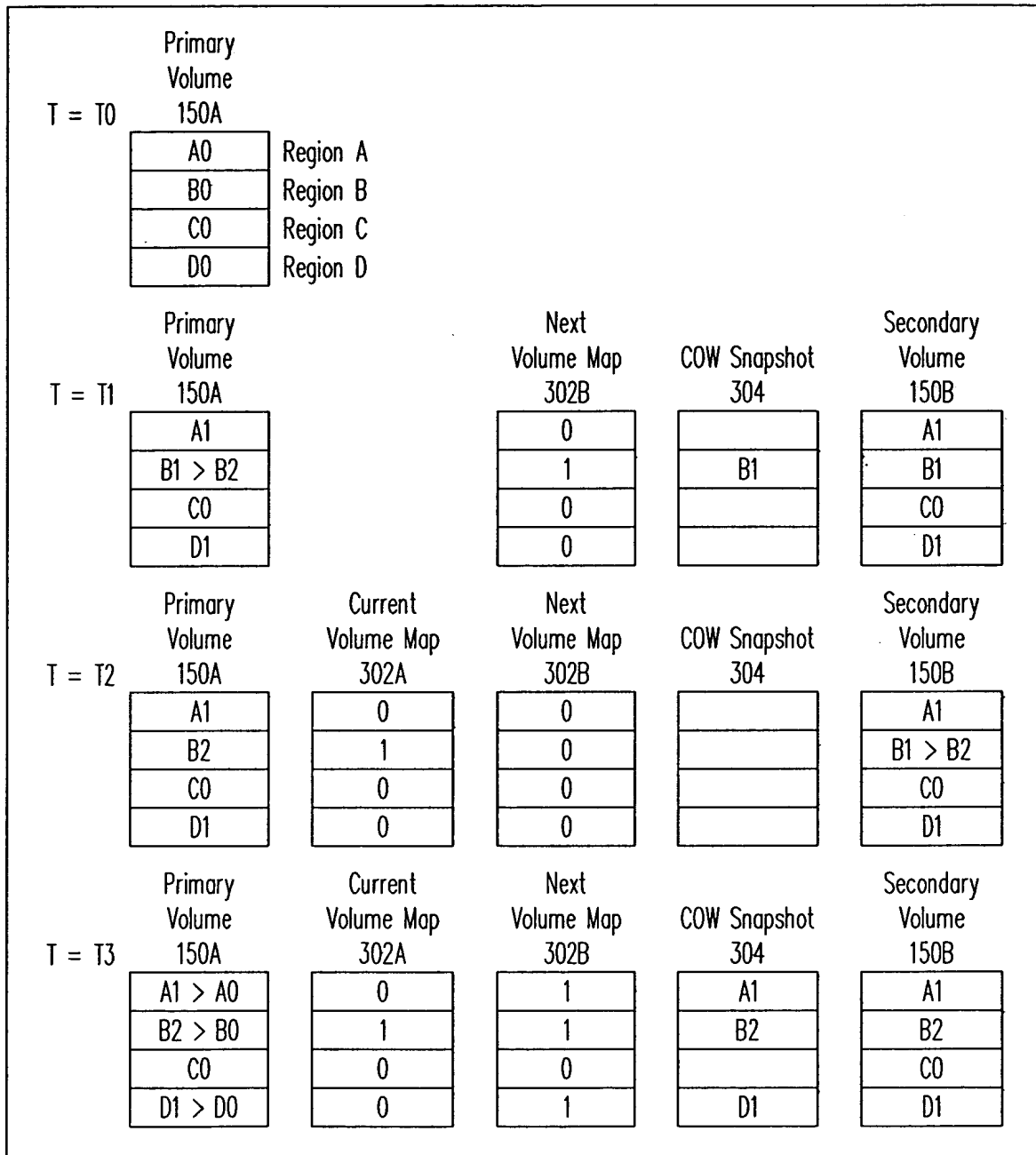


FIG. 4A

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T = T4	Primary Volume 150A	Current Volume Map 302A	Next Volume Map 302B	COW Snapshot 304	Secondary Volume 150B
	A0	0	1	A1	A1
	B0	1	1	B2	B2
	C0 > C1	0	1	C0	C0
	D0	0	1	D1	D1
T = T5	Primary Volume 150A	Current Volume Map 302A	Next Volume Map 302B	COW Snapshot 304	Secondary Volume 150B
	A0	1	0		A1 > A0
	B0	1	0		B2 > B0
	C1	1	0		C0 > C1
	D0	1	0		D1 > D0
T = T6	Primary Volume 150A	Current Volume Map 302A	Next Volume Map 302B	COW Snapshot 304	Secondary Volume 150B
	A0	1	0		A0
	B0 > B3	1	1	B0	B0
	C1 > C2	1	1	C1	C1
	D0	1	0		D0

FIG. 4B

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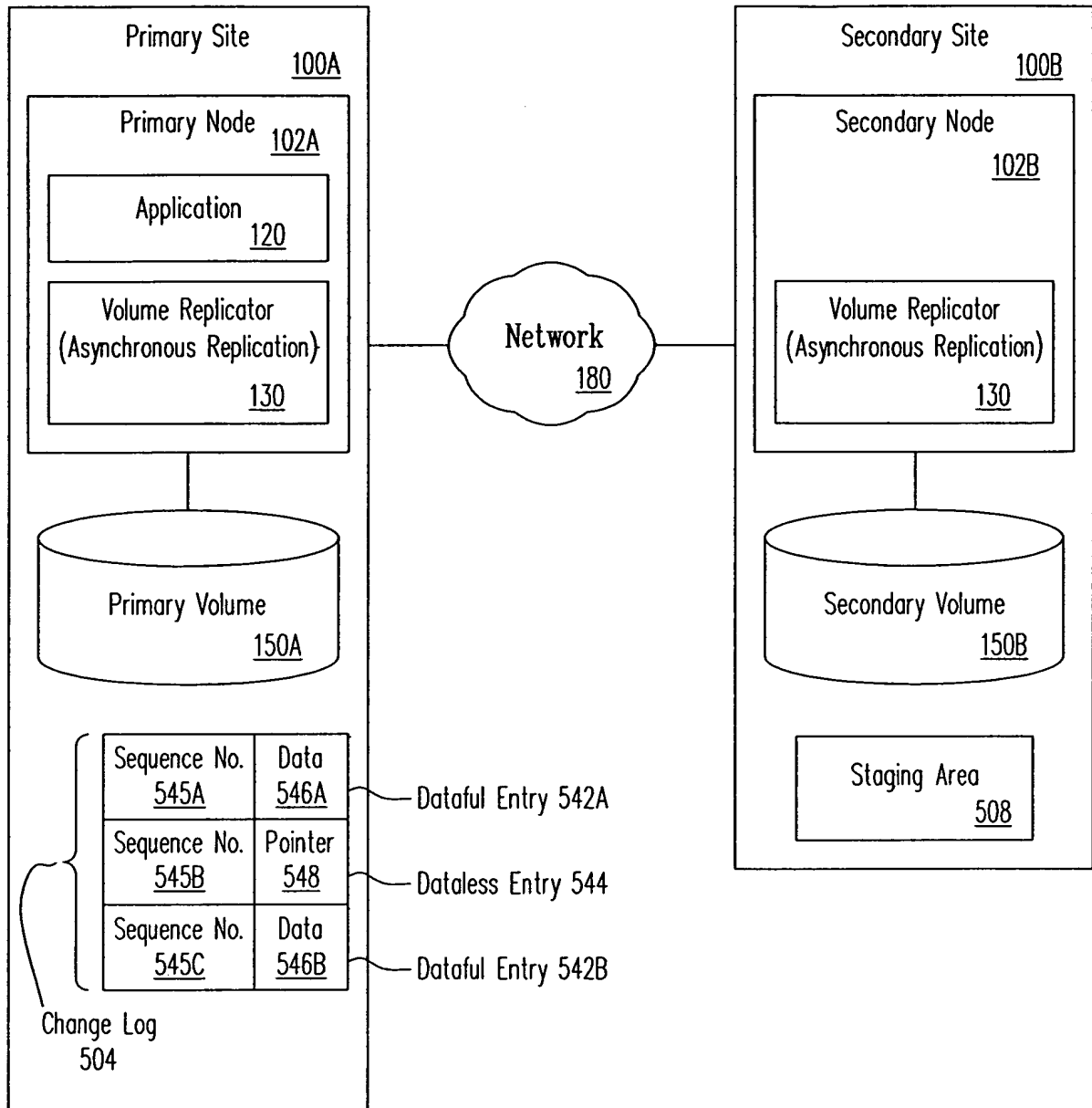


FIG. 5

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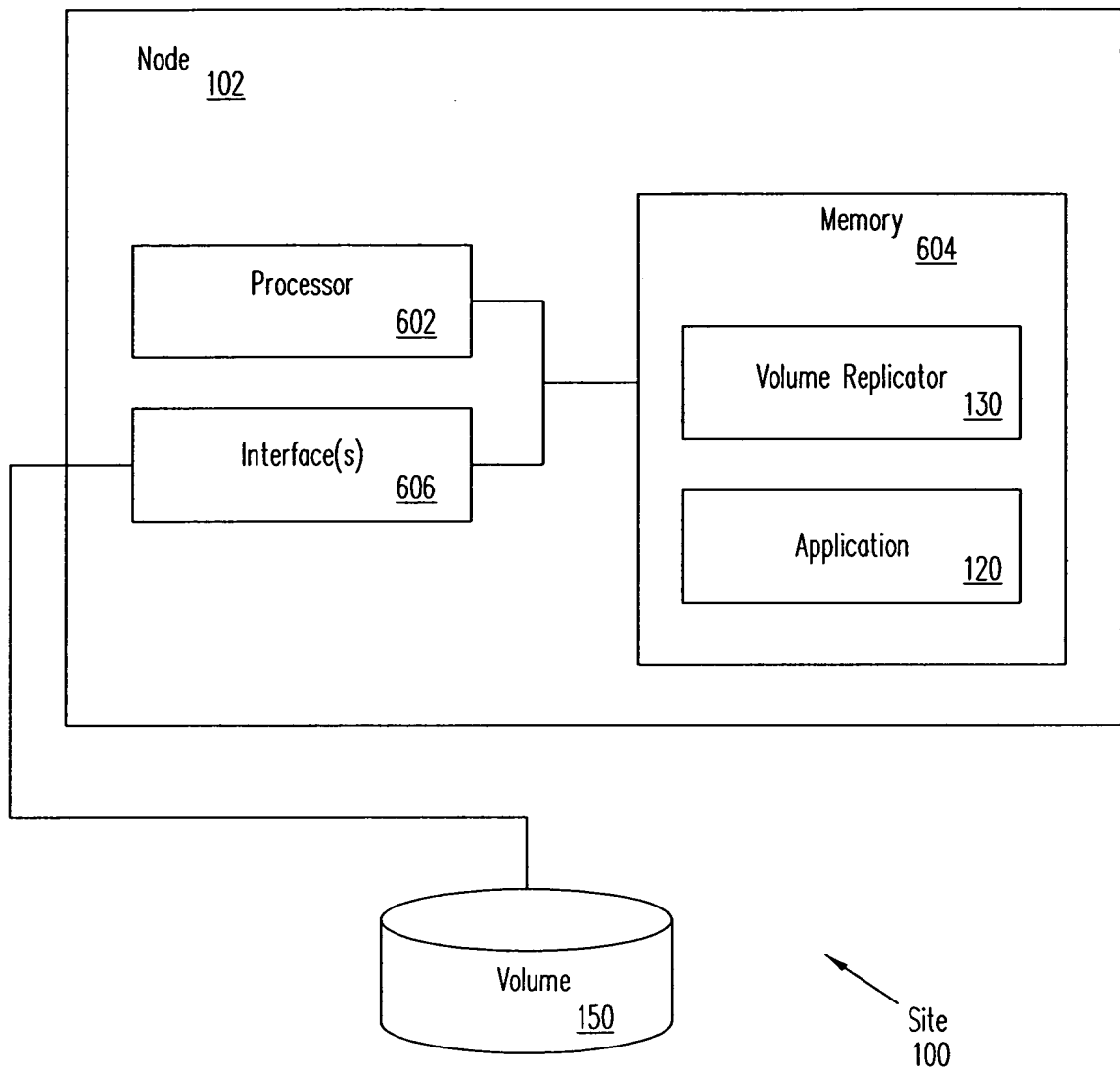


FIG. 6